The invention refers to medicine, in particular to stomatology and perfumery.

The proposed process includes the fourfold extraction of fennel fruits in the 65...90% ethyl alcohol, in a ratio of 1:5 during 24, 10, 10 and 10 hours.

It is also claimed using of the extract for treatment and prevention of inflammatory affections of the oral cavity, as well as in the capacity of main component of the combined stomatologic preparations.

The obtained extract possesses anti-inflamatory, cicatrization actions and deodorant effect.